

STN SEARCH SUMMARY  
10/790224

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(FILE 'HOME' ENTERED AT 11:32:57 ON 27 JUL 2005)

FILE 'CAPLUS' ENTERED AT 11:33:08 ON 27 JUL 2005

L1 15556 S CORYNEFORM OR CORYNEBACTERI? OR BREVIBACTERI? OR LACTOFERMENTUM  
OR GLUTAMICU?  
L2 1432 S L1 AND ((?ARGININE OR ?LYSINE) (S) (FERMENT? OR PRODUC? OR  
ACCUMULAT? OR ISOLAT?))  
L3 41 S L2 AND (?GLUTAMINE (S) (FERMENT? OR PRODUC? OR ACCUMULAT? OR  
ISOLAT?))  
L4 1 S L2 AND ((GLUTAMINE SYNTHASE) OR GLNA OR (GLUTAMATE-AMMONIA  
LIGASE))  
L5 7 S L2 AND ((GLUTAMINE SYNTHETASE) OR GLNA OR (GLUTAMATE-AMMONIA  
LIGASE))  
L6 7 S L2 AND ((?GLUTAMINE SYNTHETASE) OR GLNA OR (GLUTAMATE-AMMONIA  
LIGASE))  
L7 0 S L2 AND (GLUTAMYLHYDROXAMIC SYNTHETASE)  
L8 7 S L2 AND ((?GLUTAMINE SYNTHETASE) OR GLNA OR (?GLUTAMATE-AMMONI  
LIGASE))  
L9 44 S L3 OR L8  
L10 4 S L3 AND L8  
L11 0 S L9 AND ADENYLATION  
L12 3 S L9 AND ADENYL?

FILE 'REGISTRY' ENTERED AT 11:50:53 ON 27 JUL 2005

L13 0 S GLUAMINE SYNTHETASE/CN  
L14 768 S GLUTAMINE SYNTHETASE  
E GLUTAMINE SYNTHETASE/CN  
L15 1 S E3

FILE 'CAPLUS' ENTERED AT 11:51:50 ON 27 JUL 2005

L16 5998 S L15  
L17 132 S L16(S) ADENYL?  
L18 1 S L17 (S) (REDUC? OR ELIMINAT?)  
L19 9 S L17 AND (CORYNEFORM OR CORYNEBACTERI? OR BREVIBACTERI? OR  
LACTOFERMENTUM OR GLUTAMICU?)  
L20 0 S L9 AND ((?ARGININE) (S) (REPRESS?))  
L21 0 S L9 AND (ARGININE REPRESSOR)

## WEST Search History





DATE: Wednesday, July 27, 2005

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L22	L21 and (adenylylati\$3 same (reduc\$5 or eliminat\$5 or decreas\$3))	3
<input type="checkbox"/>	L21	L9 and l9	102
<input type="checkbox"/>	L20	L9 and (l9 or (\$2glutamine with (ferment\$8 or produc\$5 or accumul\$4 or isoat\$5 or increas\$3)))	102
<input type="checkbox"/>	L19	(((\$2glutamine adj synthetase) or glnA or (\$2glutamate\$1ammonia adj ligase) or (glutamyhydroxamic adj synthetase))	3784
<input type="checkbox"/>	L18	L15 and (\$2arginine adj biosynthesi\$3)	19
<input type="checkbox"/>	L17	L16	58
<input type="checkbox"/>	L16	L15 and corynebacteri\$4	58
<input type="checkbox"/>	L15	argR or (arginine adj repressor)	134
<input type="checkbox"/>	L14	L9 and (downregulat\$4 same (argR or arginine adj repressor))	0
<input type="checkbox"/>	L13	L9 and (disrupt same (argR or arginine adj repressor))	1
<input type="checkbox"/>	L12	L9 and (disrupt same argR)	1
<input type="checkbox"/>	L11	L9 and (repress\$4 same \$2arginine)	13
<input type="checkbox"/>	L10	L9 and (arginine adj repressor)	8
<input type="checkbox"/>	L9	l8 and (\$2glutamine with (ferment\$8 or produc\$5 or accumul\$4 or isoat\$5 or increas\$3))	102
<input type="checkbox"/>	L8	(coryneform or corynebacteri\$3 or brevibacteri\$3 or lactofermentum or glutamicu\$3) and ((\$2arginine or \$2lysine) with (ferment\$8 or produc\$5 or accumul\$4 or isolat\$5))	1628
<input type="checkbox"/>	L7	L6 and (\$2glutamine with (ferment\$8 or produc\$5 or accumul\$4 or isoat\$5 or increas\$3))	66
<input type="checkbox"/>	L6	(coryneform or corynebacteri\$3 or brevibacteri\$3 or lactofermentum or glutamicu\$3) and (\$2arginine with (ferment\$8 or produc\$5 or accumul\$4 or isolat\$5))	526

END OF SEARCH HISTORY